

FIG. 1A

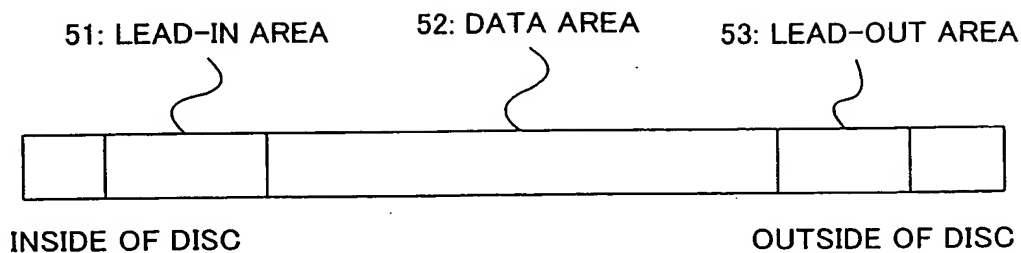


FIG. 1B

51: LEAD-IN  
AREA

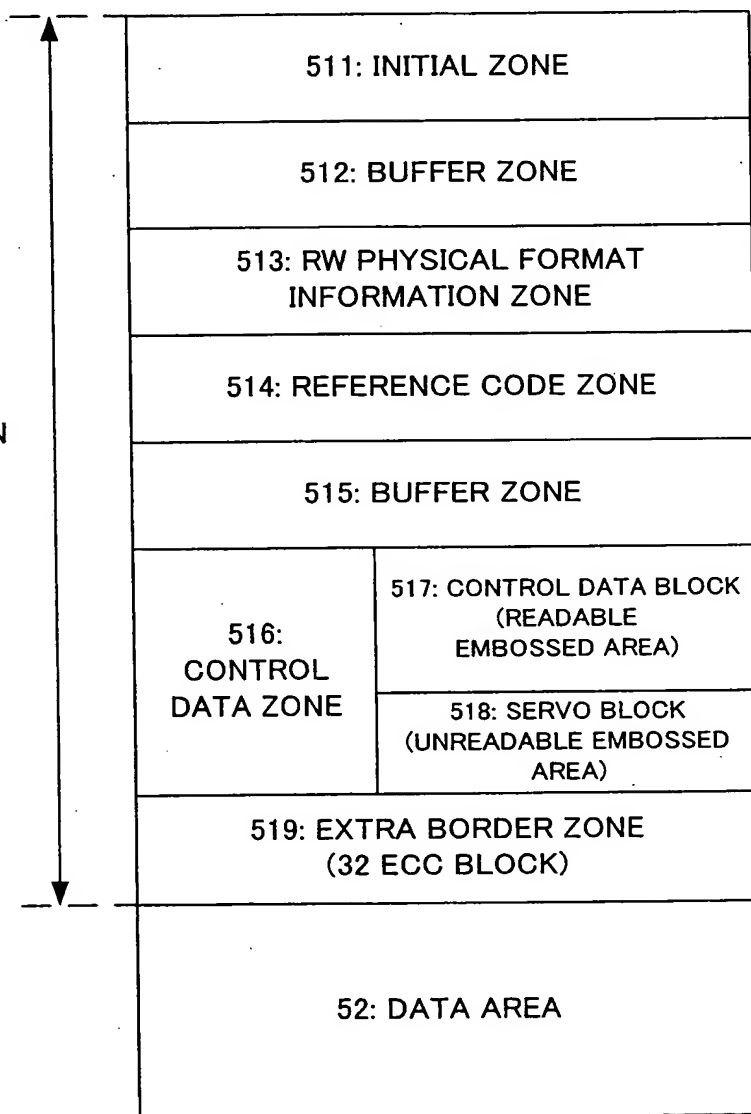


FIG. 2

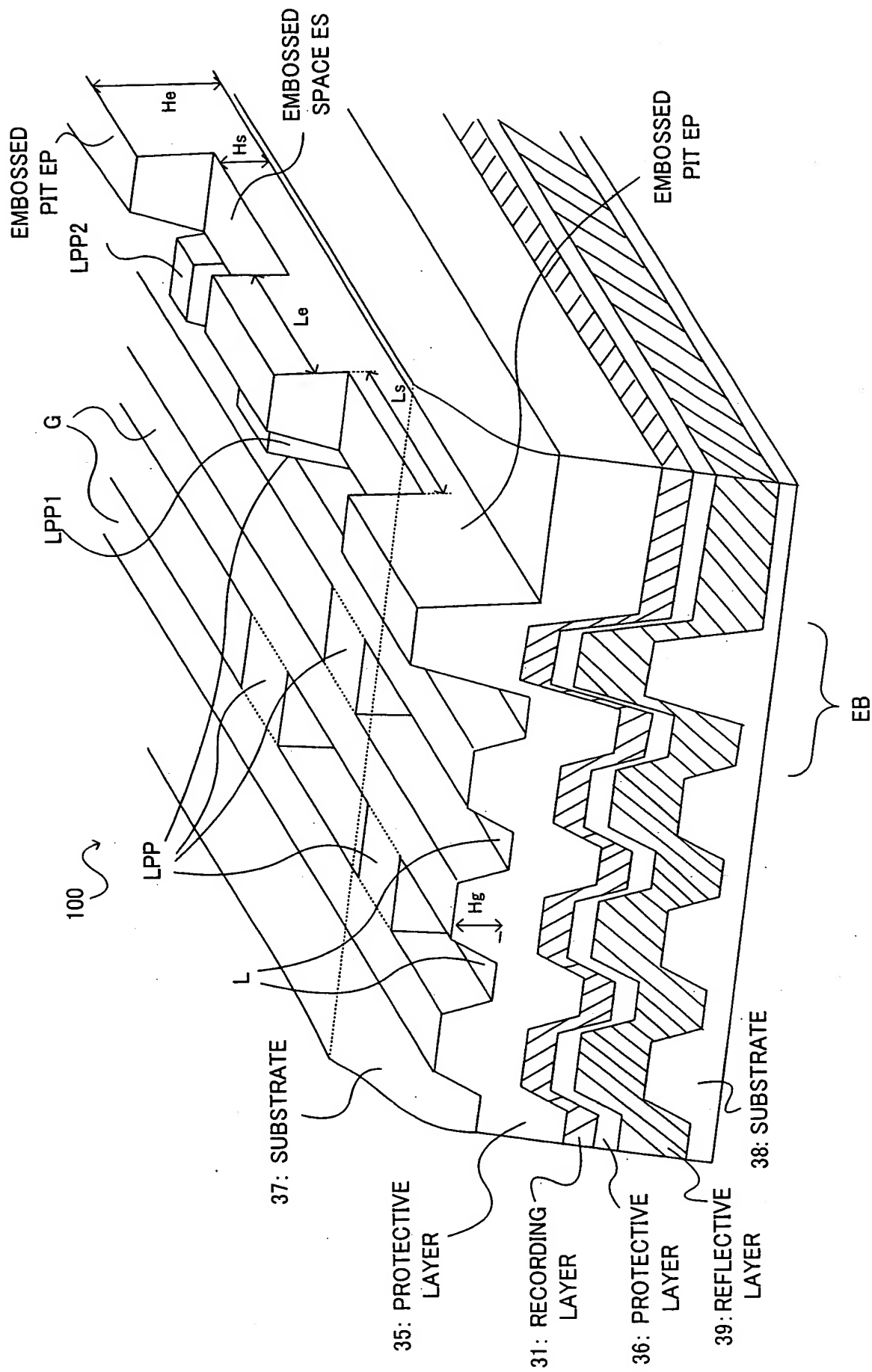


FIG. 3

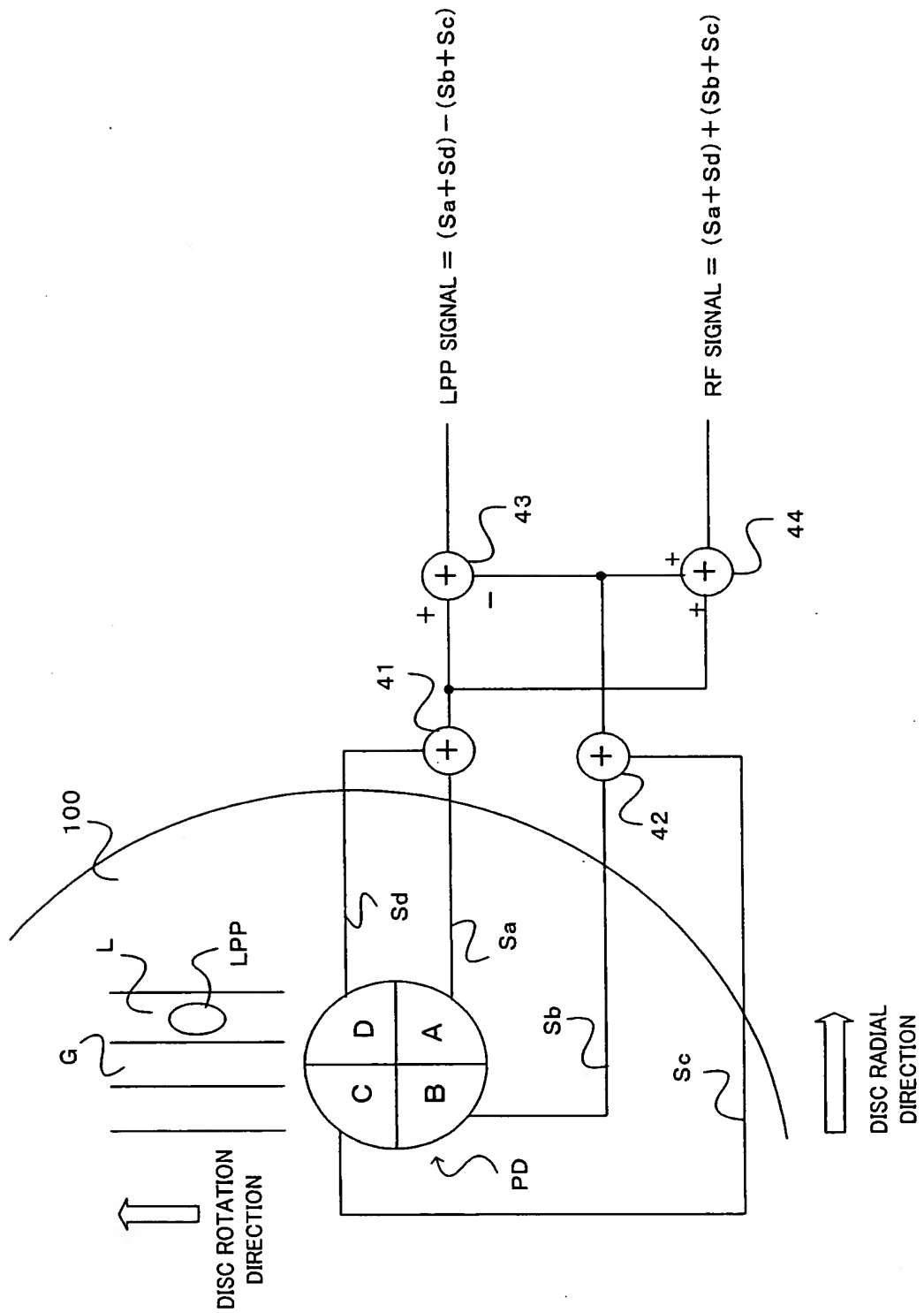


FIG. 4A

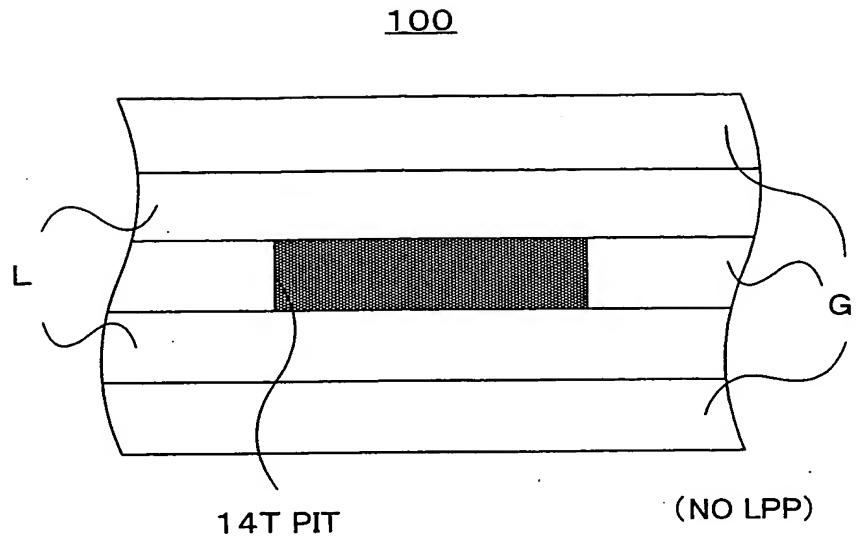


FIG. 4B

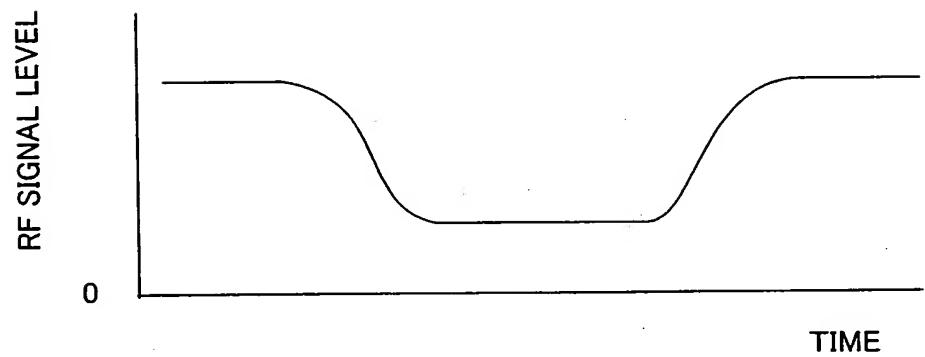


FIG. 4C

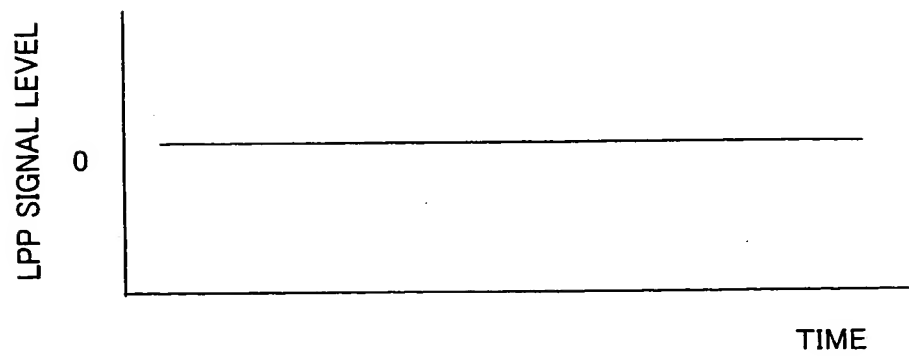


FIG. 5A

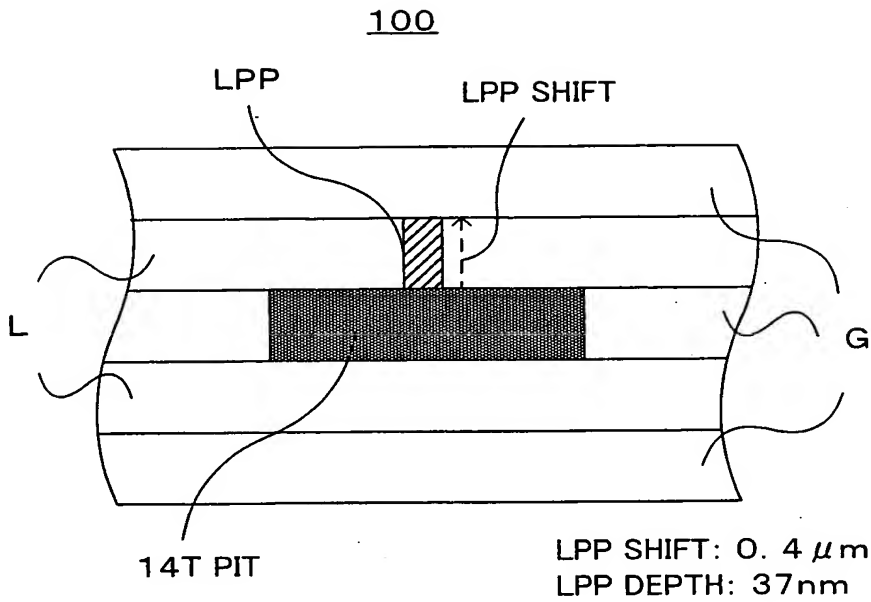


FIG. 5B

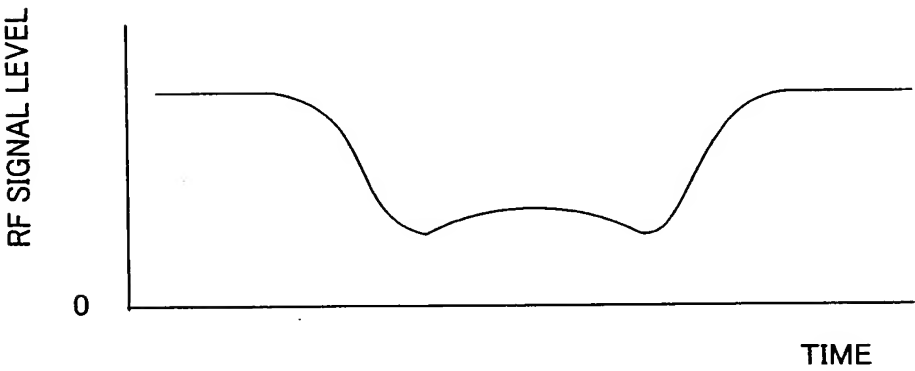


FIG. 5C

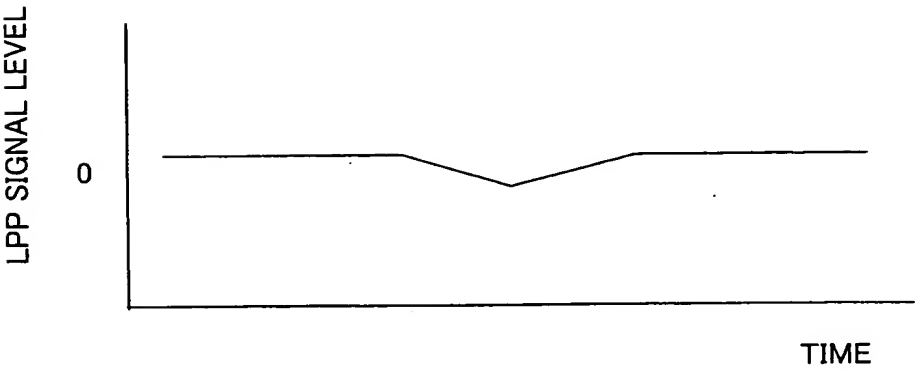


FIG. 6A

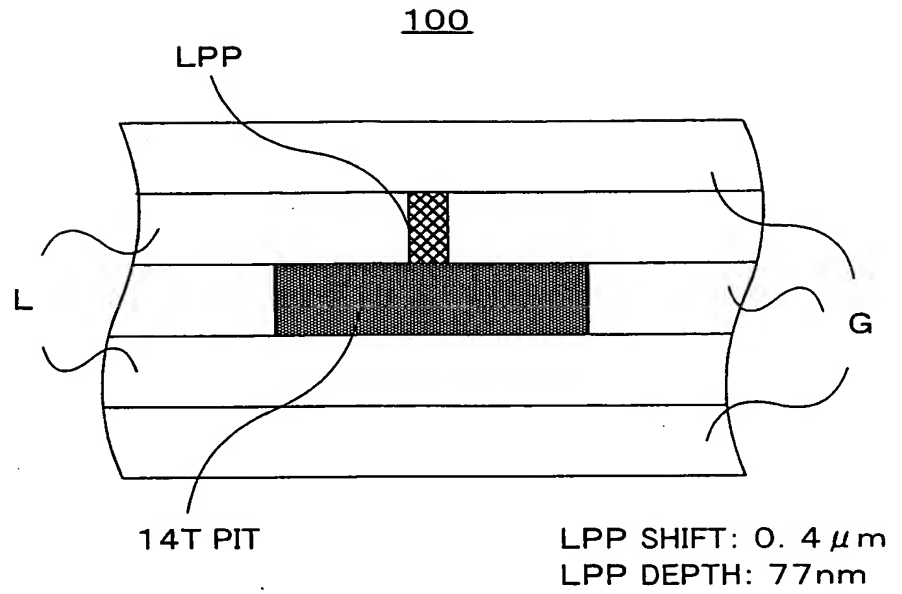


FIG. 6B

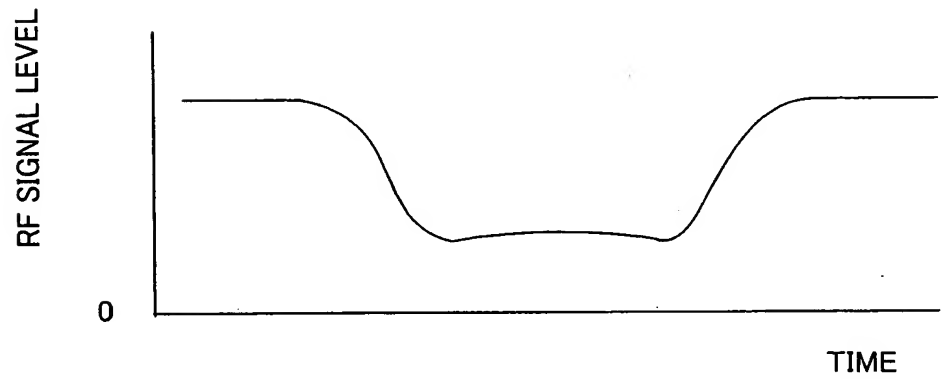
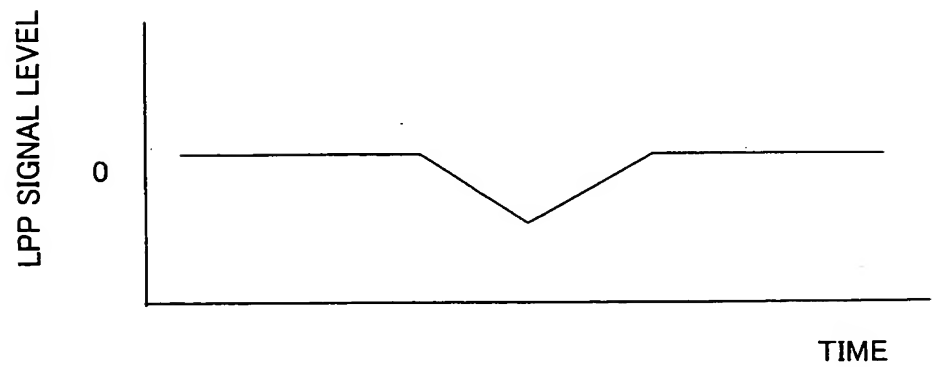


FIG. 6C



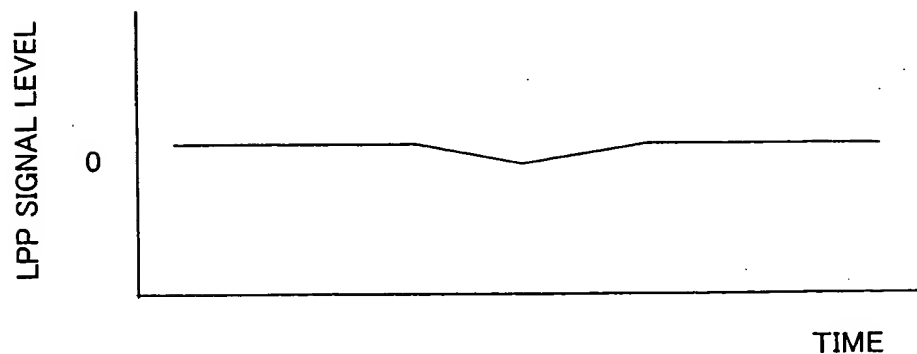
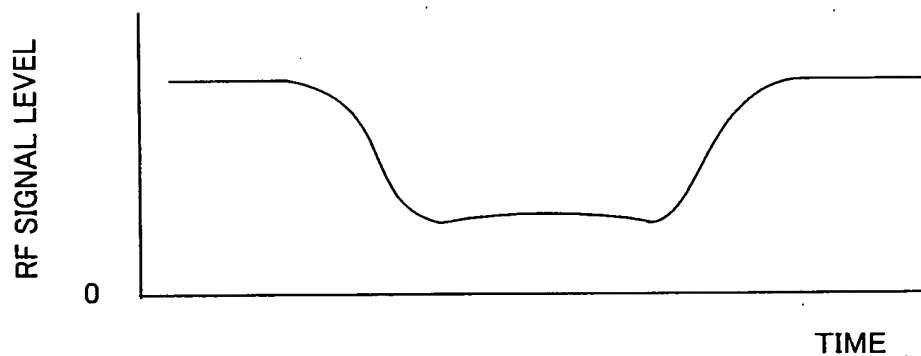
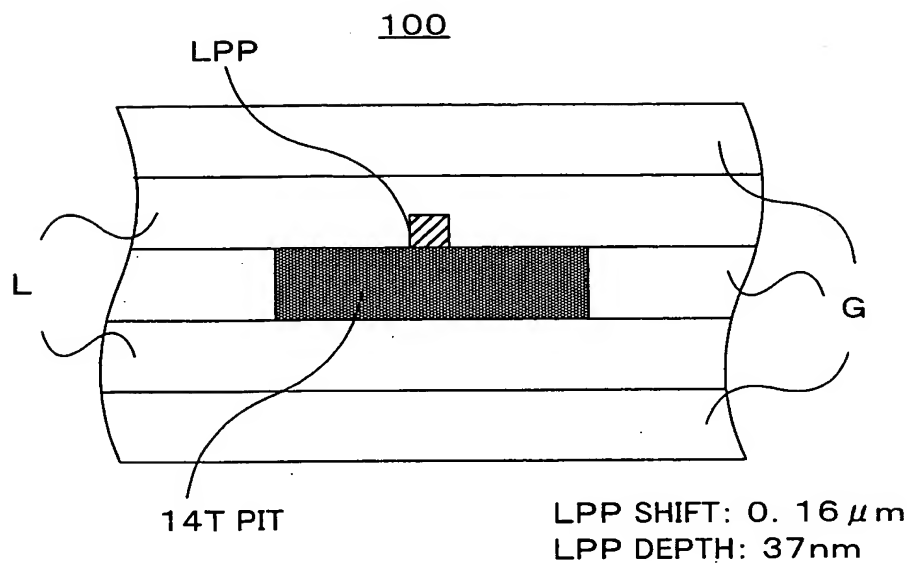


FIG. 8A

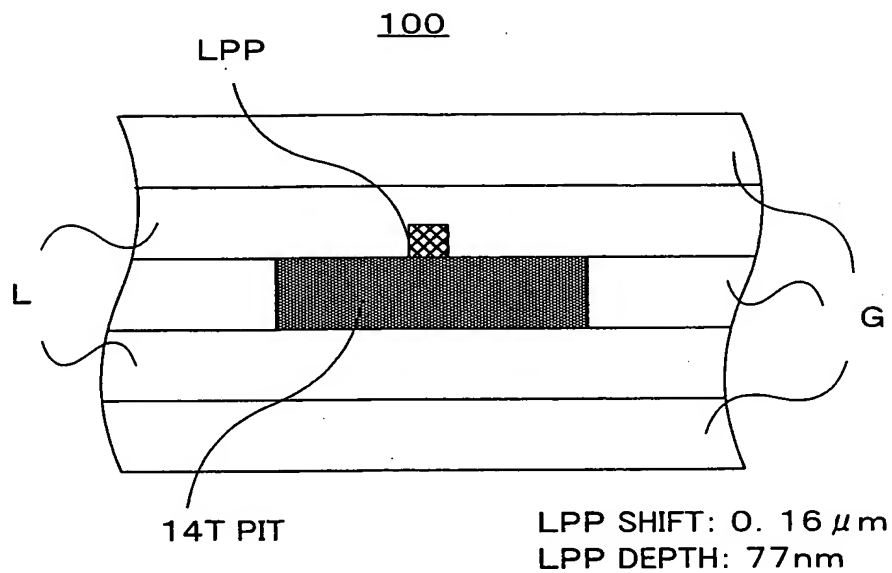


FIG. 8B

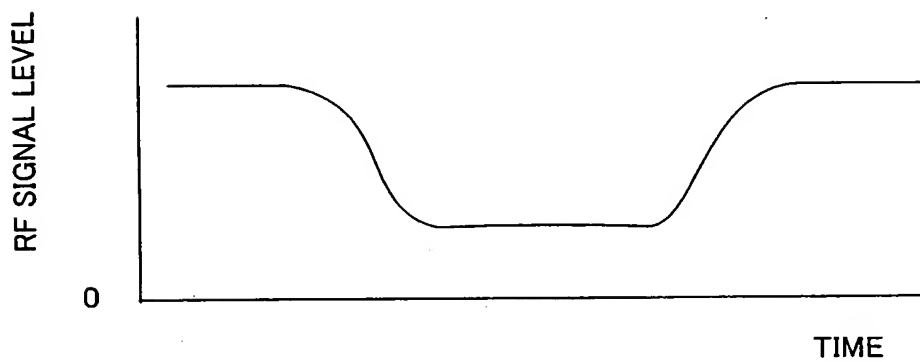
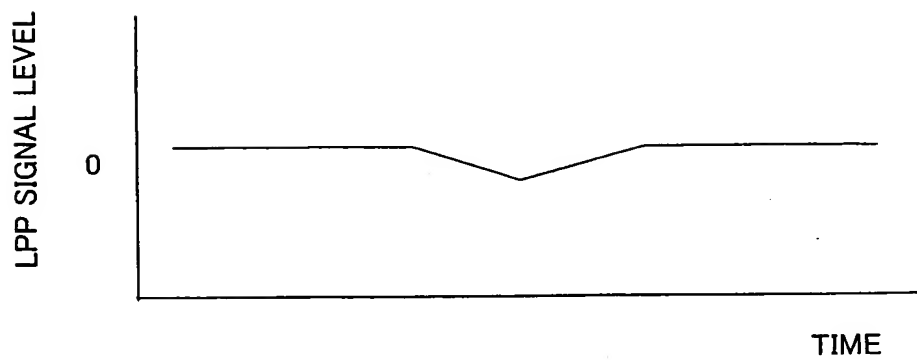


FIG. 8C





# FIG. 9

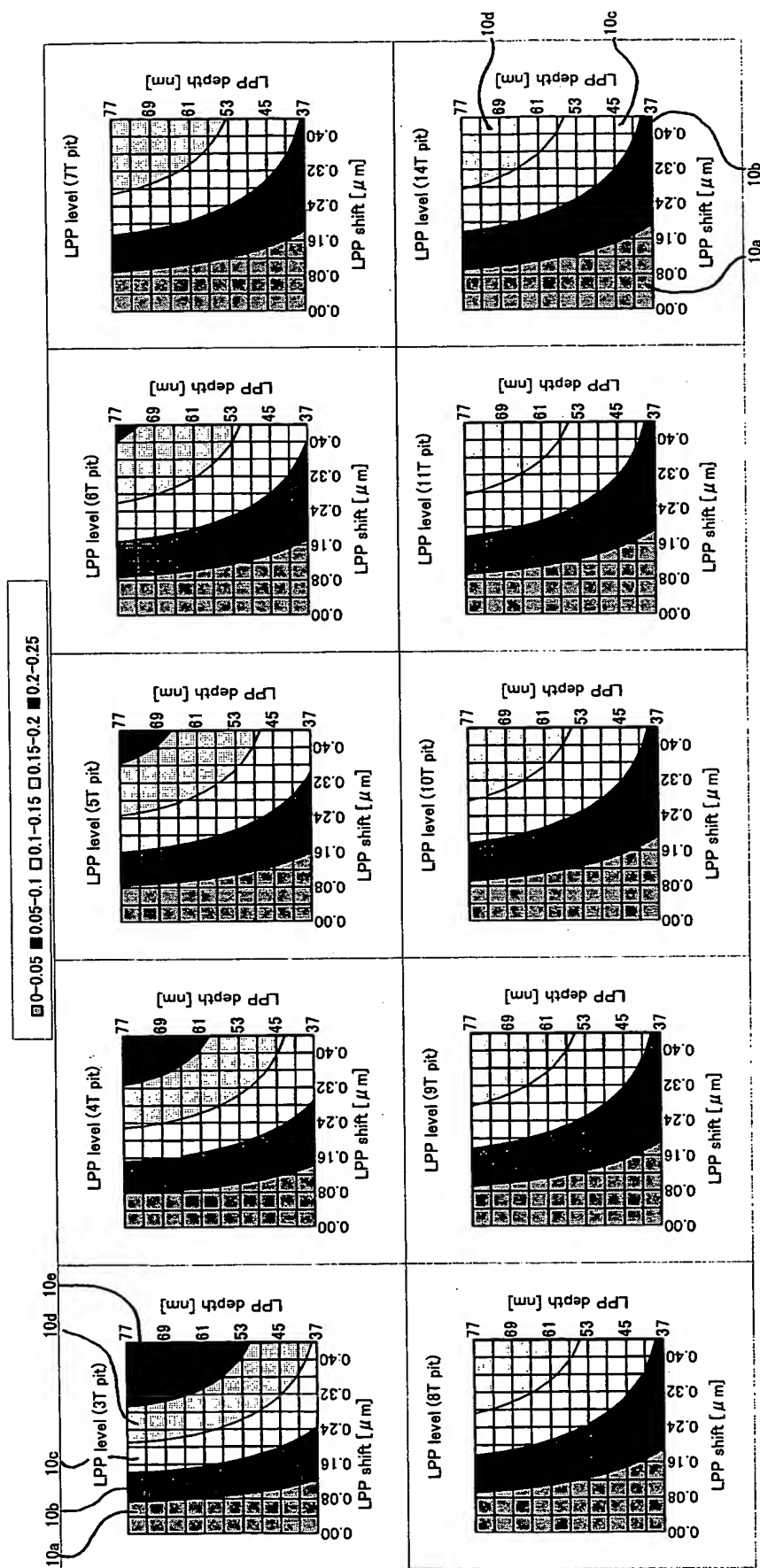
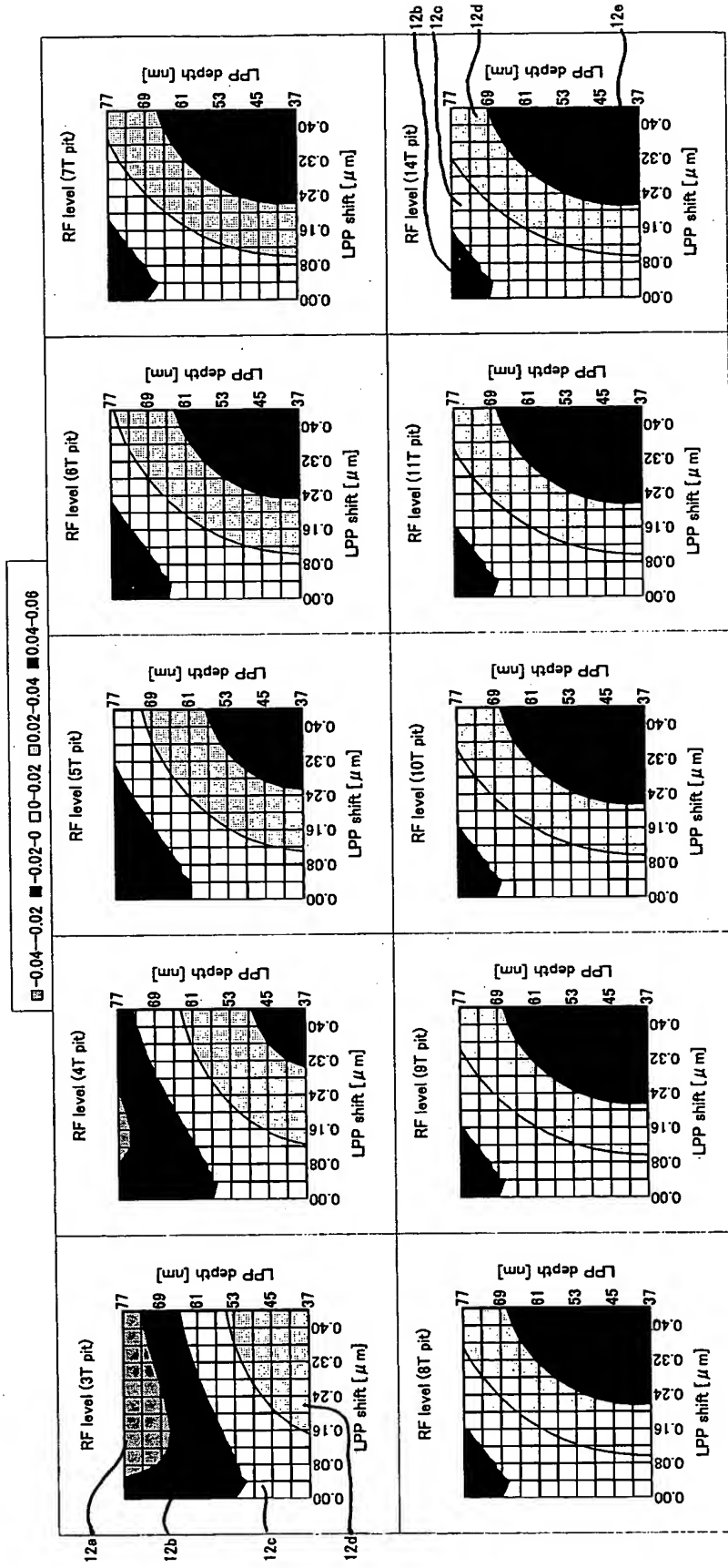


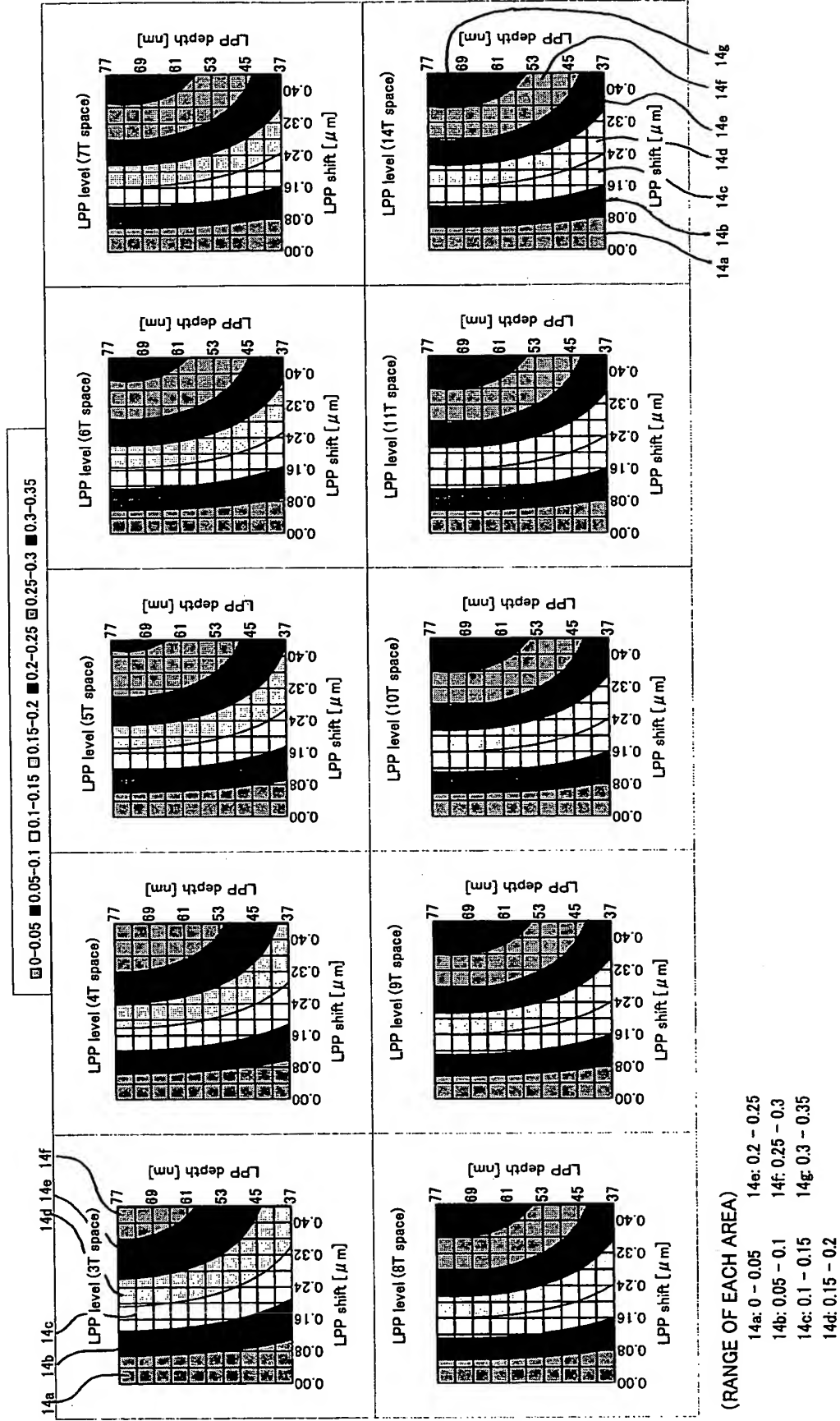
FIG. 10



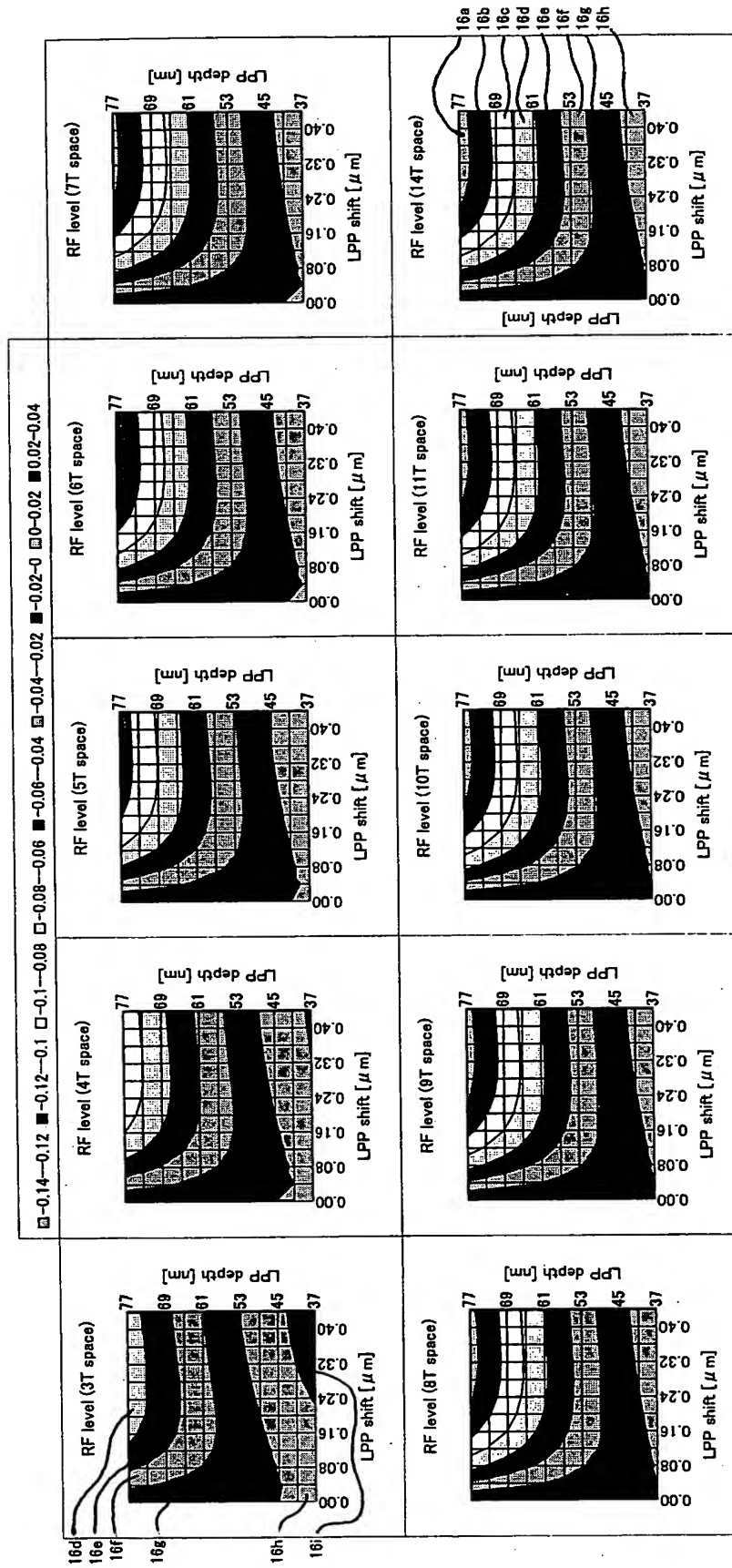
(RANGE OF EACH AREA)

12a: -0.04 ~ -0.02   12d: 0.02 ~ 0.04  
 12b: -0.02 ~ 0   12e: 0.04 ~ 0.06  
 12c: 0 ~ 0.02

FIG. 11



# FIG. 12



(RANGE OF EACH AREA)

- 16a: -0.14 - -0.12 16f: -0.04 - -0.02
- 16b: -0.12 - -0.1 16g: -0.02 - 0
- 16c: -0.1 - -0.08 16h: 0 - 0.02
- 16d: -0.08 - -0.06 16i: 0.02 - 0.04
- 16e: -0.06 - -0.04

(IN CASE THAT LPP IS LOCATED NEXT TO PIT)

	Pit length [T]													
	3	4	5	6	7	8	9	10	11	14				
LPP shift [ $\mu$ m]	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16				
LPP depth [nm]	55	63	69	73	75	76	77	77	77	77				
Distortion on RF	0	0	0	0	0	0	0	0	0	0				
LPP level	0.096	0.095	0.094	0.092	0.091	0.090	0.090	0.090	0.090	0.090				

FIG. 13A

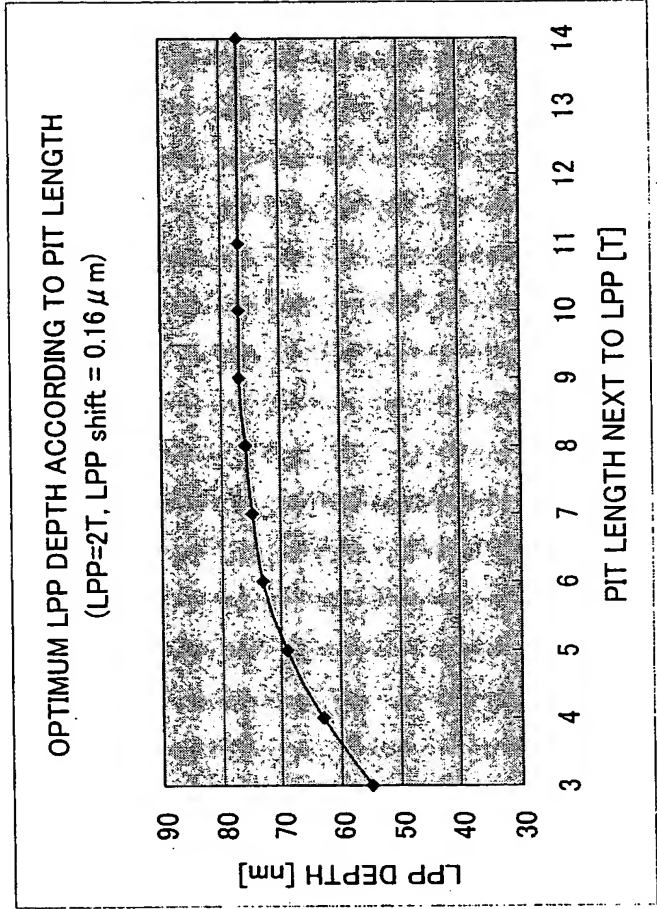


FIG. 13B

(IN CASE THAT LPP IS LOCATED NEXT TO SPACE)

	Space length [T]											
	3	4	5	6	7	8	9	10	11	14		
LPP shift [ $\mu$ m]	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16		
LPP depth [nm]	47	44	42	40	39	39	39	39	39	39		
Distortion on RF	0	0	0	0	0	0	0	0	0	0		
LPP level	0.095	0.099	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100		

FIG. 14A

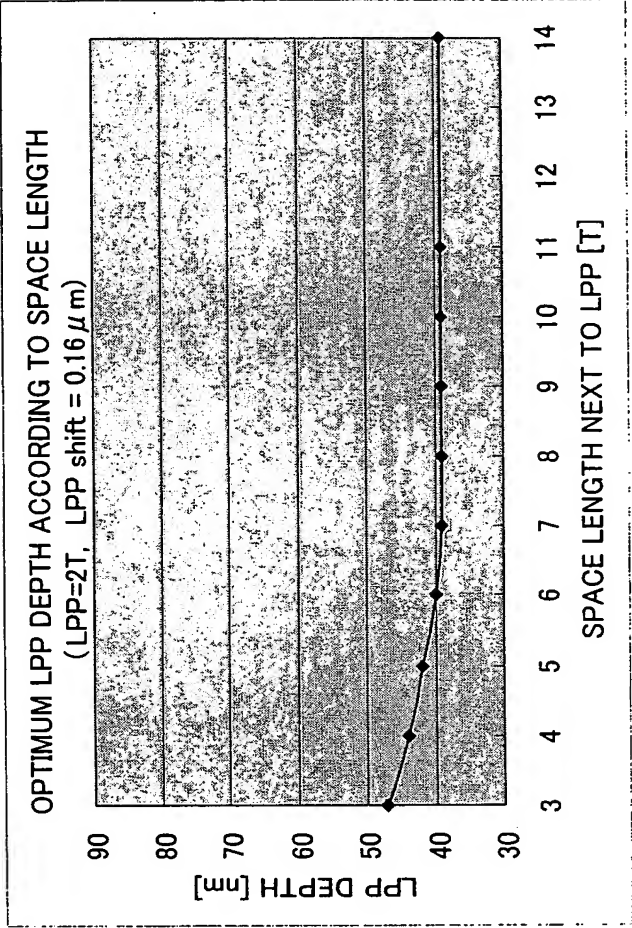


FIG. 14B